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# THE "OK" TOOL HOLDER CO.

LATHE SHAPER,  
PLANER TOOLS  
*and*  
DROP FORGINGS.



ELTON, CONN., U.S.A.



*The*  
**O. K. Tool Holder Co.**

*Manufacturers of the*

**"O. K. SYSTEM"**

*of Tool Holders, and Tools for  
Lathes, Planers, Shapers,  
Boring Mills, etc.*



**SHELTON, CONN.**  
**U. S. A.**



## **The O. K. System.**

**T**HE system of Lathe, Planer, Shaper and Boring Mill Tool Holders and Tools manufactured by this company offers all the advantages of a solid forged cutting tool combined with the most economical use of steel, particularly the use of high-priced, high speed steels.

With these holders and assorted tools and fixtures a mechanic has, contained in a small wood case, an outfit that will enable him to do any ordinary range of work.

This system of holders and tools are very efficient and economical when standardized throughout a shop. A shop equipped with these holders can practically do away with all forging by keeping a supply of these tools in stock. These tools can be ground and kept up by a man in tool room. The operator of a machine is always kept at his work as he can have some duplicate tools always ready for work by his side. If he is doing work that requires several shapes of tools to finish, it is more efficient as he can, by a quarter turn of the nut, release tool in holder and place new tool without changing position of holder on work.

These tools are Hydraulic and Drop Forged from best grades of high speed and other steels and are guaranteed to be correctly ground and tempered.

The following pages show the different combinations in which we make up the "O. K. System" of Tool Holders and Tools, also prices and sizes. You are not limited to these combinations as we are willing to get up any combination asked for if possible.

## STANDARD COMPLETE SETS.



Consisting of holder and twenty-two assorted tools and fixtures, including case. In size C, complete set, we furnish a double knurling fixture and a pair of knurls. Complete set, size B, is regularly furnished with single knurl, with double knurling fixture and pair of knurls.

One Dollar extra.

SIZE A	$\frac{3}{8}'' \times \frac{3}{4}''$	All Jessop Steel Tools Nos. 13, 17, 14,	\$ 9.00
		15, 16, 5, 6, 9, 1, 12, 12, 2, 2, 17, 3, 4, 8, 18, 19, 23, 24, 25..	
SIZE B	$\frac{1}{2}'' \times 1''$	All Jessop, 13, 17, 14, 15, 16, 5, 6, 9, 1, 12, 12, 2, 2, 17, 3, 4, 8, 18, 19, 23, 24, 25..	\$ 10.00
		.	
SIZE C	$\frac{1}{2}'' \times 1''$ $\frac{9}{16}'' \times 1\frac{1}{8}''$ $\frac{5}{8}'' \times 1\frac{1}{4}''$	All Jessop, 13, 17, 14, 15, 16, 5, 6, 9, 1, 12, 12, 2, 2, 13, 7, 1, 9, 18, 19, 23, 24, 25..	\$ 12.00
		.	
SIZE B	$\frac{1}{2}'' \times 1''$	17 H. S. S. Tools Nos. 1, 2, 2, 3, 4, 5, 6, 7, 8, 9, 12, 12, 13, 14, 15, 16, 17, Jessop Steel Tools. Nos. 18, 19, 23, 24, 25	\$ 12.00
		.	
SIZE C	$\frac{1}{2}'' \times 1''$ $\frac{9}{16}'' \times 1\frac{1}{8}''$ $\frac{5}{8}'' \times 1\frac{1}{4}''$	17 H. S. S. Tools Nos. 13, 17, 14, 10L, 10R, 11R, 11L, 15, 16, 5, 9, 6, 1, 12, 2, 13, 12, Jessop Steel Tools Nos. 18, 19, 23, 24, 25	\$ 15.00
		.	

Prices F. O. B. Factory.

# STANDARD LATHE WORKING SETS



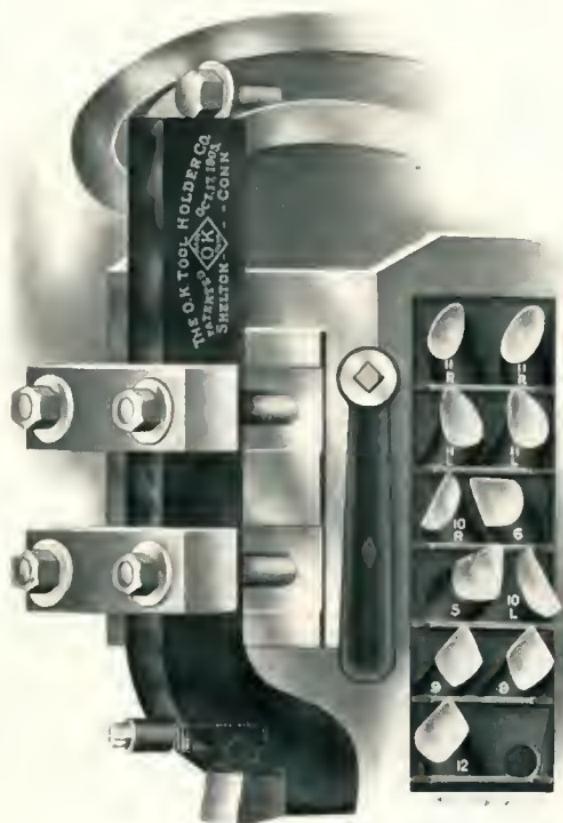
JPL

Working Sets in sizes from A to C consists of a holder, block and thirteen assorted tools. From D to H consists of a holder, block and twelve assorted tools.

SIZE B $\frac{1}{2}'' \times 1''$	{ H. S. S. Tools Nos. 5, 6, 1, 2, 17, 11R, 13, 14, 8, 12, 12, 7, 2, . . . . . }	\$ 6.50
SIZE C $\frac{1}{8}'' \times 1\frac{1}{8}''$	{ H. S. S. Tools Nos. 12, 9, 2, 1, 14, 13, 10R, 10L, 11R, 17, 5, 6, 7, . . . . . }	8.00
$\frac{5}{8}'' \times 1\frac{1}{4}''$		
SIZE D $\frac{3}{4}'' \times 1\frac{3}{8}''$	{ H. S. S. Tools Nos. 1, 2, 5, 6, 9, 10L, 10R, 11R, 11L, 17, 12, 12, . . . . . }	13.00
SIZE D $\frac{7}{8}'' \times 1\frac{5}{8}''$	{ H. S. S. Tools Nos. 1, 2, 5, 6, 9, 10L, 10R, 11R, 11L, 17, 12, 12, . . . . . }	13.50
SIZE E $1'' \times 1\frac{3}{4}''$	{ H. S. S. Tools Nos. 1, 2, 5, 6, 9, 10R, 10L, 11R, 11L, 17, 12, 12, . . . . . }	23.00
SIZE F $1\frac{1}{4}'' \times 1\frac{3}{4}''$	{ H. S. S. Tools Nos. 1, 2, 5, 6, 9, 10R, 10L, 11R, 11L, 17, 12, 12, . . . . . }	25.00
SIZE F $1\frac{1}{4}'' \times 2''$	{ H. S. S. Tools Nos. 11R, 11R, 11R, 11R, 11R, 11L, 11L, 9, 12, 5, 6, 17, . . . . . }	35.00
SIZE F $1\frac{1}{2}'' \times 2''$	{ H. S. S. Tools Nos. 11R, 11R, 11R, 11R, 11R, 11L, 11L, 9, 12, 5, 6, 17, . . . . . }	36.00
SIZE G $1\frac{1}{2}'' \times 2''$	{ H. S. S. Tools Nos. 11R, 11R, 11R, 11R, 11R, 11L, 11L, 9, 12, 5, 6, 17, . . . . . }	46.00
SIZE H $1\frac{3}{4}'' \times 2\frac{1}{2}''$	{ H. S. S. Tools Nos. 11R, 11R, 11R, 11R, 11R, 11L, 11L, 9, 12, 5, 6, 17, . . . . . }	60.00
SIZE A $\frac{3}{8}'' \times \frac{3}{4}''$	{ All Jessop S Tools Nos. 1, 2, 8, 5, 6, 7, 9, 12, 12, 2, 17, 13, 14, . . . . . }	4.50
SIZE B $\frac{1}{2}'' \times 1''$	{ All Jessop S Tools Nos. 1, 2, 8, 5, 6, 7, 9, 12, 12, 2, 17, 13, 14, . . . . . }	5.00
SIZE C $\frac{5}{8}'' \times 1\frac{1}{4}''$	{ All Jessop S Tools Nos. 1, 2, 8, 5, 6, 7, 9, 12, 12, 2, 17, 13, 14, . . . . . }	6.00

Working sets for shaper use same as above, except tools are ground with same clearance as planer tools, and tools Nos. 20 and 11L substituted for tools Nos. 13 and 14. Be sure and specify for *shaper use* when ordering.

Prices F. O. B. Factory.

**STANDARD PLANER SETS.**

The point of tool in line with back of holder, using high speed steel in the most economical manner. Guaranteed to do as heavy work as a solid forged tool of same size. Size to be taken across the face of tool, not across holder, as the holder is made extra heavy on account of the goose neck shape. When the holder is once set up for the flat face tool no more changing is necessary. Rough out your work, put in flat nose tool and it is all ready to take finishing cut.

## STANDARD PLANER SETS.

Size C	$\frac{3}{4}'' \times 1\frac{1}{4}'' \times 12''$	12 H. S. S. Tools. Nos. 11R, 11L, 11R, 11L, 10R, 10L, 6, 5, 9, 17, 9, 12,	\$13.00
" D	$1'' \times 1\frac{3}{4}'' \times 15''$	12 H. H. S. Tools, Nos. as above,	19.20
" E	$1\frac{1}{4}'' \times 2'' \times 18''$	12 H. S. S. Tools. Nos. as above,	27.50
" E	$1\frac{1}{4}'' \times 2\frac{1}{2}'' \times 20''$	12 H. S. S. Tools. Nos. as above,	30.50
" F	$1\frac{1}{4}'' \times 2\frac{1}{2}'' \times 24''$	12 H. S. S. Tools. Nos. as above,	45.00
" G	$1\frac{3}{4}'' \times 3'' \times 24''$	12 H. S. S. Tools. Nos. as above,	59.50
" H	$2'' \times 3\frac{1}{2}'' \times 24''$	12 H. S. S. Tools. Nos. as above,	74.00

## STANDARD PLANER HOLDERS.

SIZE C,	$\frac{3}{4}'' \times 1\frac{1}{2}'' \times 12''$	.	.	.	Price, \$ 8.00
" D	$1'' \times 1\frac{3}{4}'' \times 15''$	.	.	.	" 10.00
" E	$1\frac{1}{4}'' \times 2'' \times 18''$	.	.	.	" 12.00
" E	$1\frac{1}{4}'' \times 2\frac{1}{2}'' \times 20''$	.	.	.	" 15.00
" F	$1\frac{1}{2}'' \times 2\frac{1}{2}'' \times 24''$	.	.	.	" 20.00
" G	$1\frac{3}{4}'' \times 3'' \times 24''$	.	.	.	" 25.00
" H	$2'' \times 3\frac{1}{2}'' \times 24''$	.	.	.	" 30.00

Straight Holders (No Drop) same price.

Special Prices for sizes not Standard.

Prices F. O. B. Factory.

**STANDARD BORING MILL SETS.**

Owing to the fact that Boring Mill Cutting Tools must necessarily be short, a solid forged tool can only be re-forged two or three times, which, with the use of High Speed Steel, makes it very expensive. Our system of Holder and Cutting Tools are especially adapted for this work, as it permits the changing of cutting tool on work without great loss of time. As the holder lasts indefinitely, your only expense is replacing of worn out cutters with a new one.

On the next page you will find prices and sizes of holders, list of tools, and prices of our standard Boring Mill Sets. Owing to the great variety of Boring Mills, we are prepared to make our holders any size and drop to suit different mills. A Standard Boring Mill Set consists of a holder, block and twelve assorted High Speed Steel tools.

## STANDARD BORING MILL SETS.

Size E	$1'' \times 1\frac{1}{8}'' \times 6''$	12 H. S. S. Tools, Nos. 11R, 11L, 11R, 11L,	
	$1'' \times 1\frac{1}{8}'' \times 8''$	11R, 11L, 10R, 10L, 6, 5, 11R, 17,	\$24.00
" F	$1'' \times 1\frac{1}{8}'' \times 7''$	12 H. S. Tools. Nos. as above,	35.00
	$1'' \times 1\frac{1}{8}'' \times 9''$		
" F	$1\frac{1}{8}'' \times 1\frac{1}{4}'' \times 7''$	12 H. S. S. Tools. Nos. as above,	36.00
	$1\frac{1}{8}'' \times 1\frac{1}{4}'' \times 9''$		
" G	$1\frac{1}{4}'' \times 1\frac{3}{8}'' \times 8''$	12 H. S. S. Tools. Nos. as above,	46.50
	$1\frac{1}{4}'' \times 1\frac{3}{8}'' \times 10''$		
" G	$1\frac{3}{8}'' \times 1\frac{1}{2}'' \times 8''$	12 H. S. S. Tools. Nos. as above,	47.50
	$1\frac{3}{8}'' \times 1\frac{1}{2}'' \times 10''$		
" H	$1\frac{1}{2}'' \times 1\frac{3}{4}'' \times 10''$	12 H. S. S. Tools. Nos. as above,	59.00
	$1\frac{1}{2}'' \times 1\frac{3}{4}'' \times 12''$		
" H	$1\frac{3}{4}'' \times 2'' \times 10''$	12 H. S. S. Tools. Nos. as above,	61.00
	$1\frac{3}{4}'' \times 2'' \times 12''$		

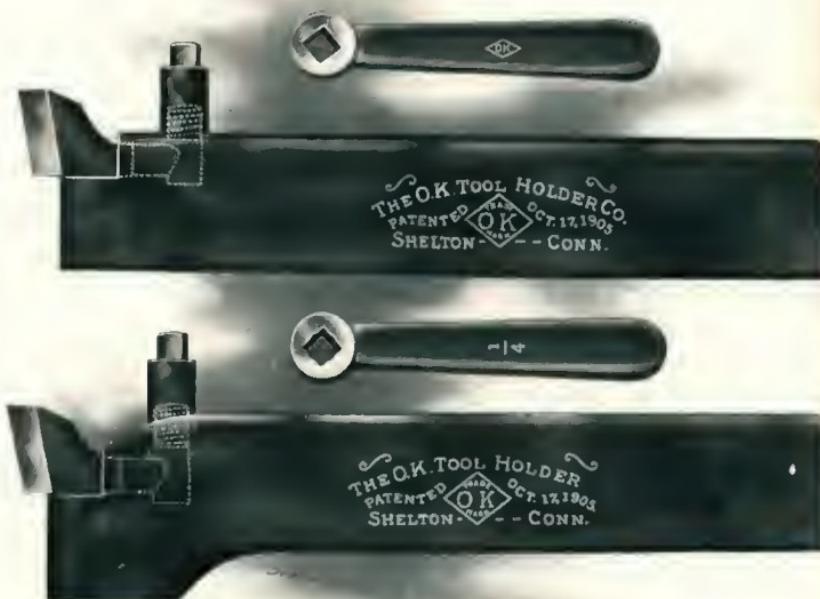
## STANDARD BORING MILL HOLDERS.

Size E	$1'' \times 1\frac{1}{8}'' \times 6''$	.	.	.	.	.	.	.	.	.	.	.	.	\$ 9.00
	$1'' \times 1\frac{1}{8}'' \times 8''$													
" F	$1'' \times 1\frac{1}{8}'' \times 7''$	.	.	.	.	.	.	.	.	.	.	.	.	10.00
	$1'' \times 1\frac{1}{8}'' \times 9''$													
" F	$1\frac{1}{8}'' \times 1\frac{1}{4}'' \times 7''$	.	.	.	.	.	.	.	.	.	.	.	.	11.00
	$1\frac{1}{8}'' \times 1\frac{1}{4}'' \times 9''$													
" G	$1\frac{1}{4}'' \times 1\frac{3}{8}'' \times 8''$	.	.	.	.	.	.	.	.	.	.	.	.	12.00
	$1\frac{1}{4}'' \times 1\frac{3}{8}'' \times 10''$													
" G	$1\frac{3}{8}'' \times 1\frac{1}{2}'' \times 8''$	.	.	.	.	.	.	.	.	.	.	.	.	13.00
	$1\frac{3}{8}'' \times 1\frac{1}{2}'' \times 10''$													
" H	$1\frac{1}{2}'' \times 1\frac{3}{4}'' \times 10''$	.	.	.	.	.	.	.	.	.	.	.	.	15.00
	$1\frac{1}{2}'' \times 1\frac{3}{4}'' \times 12''$													
" H	$1\frac{3}{4}'' \times 2'' \times 10''$	.	.	.	.	.	.	.	.	.	.	.	.	17.00
	$1\frac{3}{4}'' \times 2'' \times 12''$													

Special prices for sizes not standard.

Prices F. O. B. Factory.

## STANDARD LATHE HOLDERS

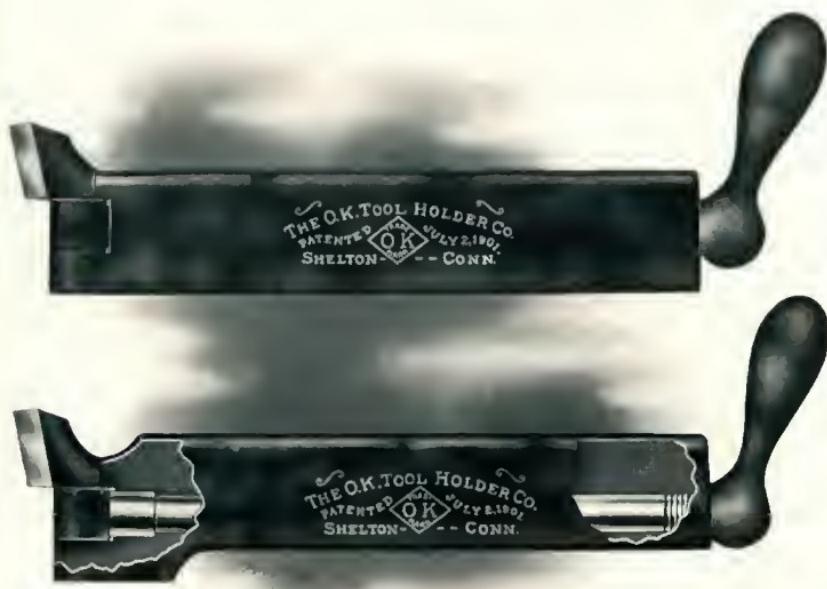


SIZE	A	Height from point of tool to bottom of holder			Price	\$1.80
		STRAIGHT	DROP			
"	B	1/2" x 1"	1 3/8"	1 1/8"	"	2.00
"	C	{ 1/2" x 1"      9/16" x 1 1/8"      5/8" x 1 1/4" }	1 3/8"	1 1/4"	"	2.50
"	D	3/4" x 1 3/8"	2 1/16"	1 5/8"	"	4.00
"	D	7/8" x 1 5/8"	2 5/16"	1 5/8"	"	4.50
"	E	1" x 1 3/4"	2 1/2"	1 13/16"	"	8.00
"	E	1 1/4" x 1 3/4"	2 1/2"	1 13/16"	"	10.00
"	F	1 1/4" x 2"	2 5/8"	2"	"	10.00
"	F	1 1/2" x 2"	2 5/8"	2"	"	11.00
"	G	1 1/2" x 2"	2 3/4"	2"	"	12.00
"	H	1 3/4" x 2 1/2"	3 1/4"	2 1/2"	"	16.00

Standard Shaper Holders are just the same as Lathe Holders with nut on back or front.

Straight Holders (no Drop) same price.

Special prices for sizes not Standard. Prices F. O. B. Factory.

**DRAWBOLT HOLDERS.**

SIZE A $\frac{3}{8}$ " x $\frac{3}{4}$ " . . . . .	Price \$1.80
" B $\frac{1}{2}$ " x 1" . . . . .	" 2.00
" C $\frac{5}{8}$ " x $1\frac{1}{4}$ " . . . . .	" 2.50

Above Holders furnished Straight or Drop. If called for will be furnished with Working or Complete Sets.

Prices F. O. B. Factory.

## NUMBER, NAMES AND PRICES.

### JESSOPS WATER HARDENING STEEL.

No.	Tools.	WATER HARDENING STEEL.						HIGH SPEED STEELS.					
		Size	A	B	C	D	E	F	G	H	I	J	K
1	Left Side Tool.....	\$ 20	21	25	33	40	1 25	2 00	2 75	3 50	.....	.....	.....
2	Right Side Tool, bent.....	20	21	25	33	40	1 25	2 00	2 75	3 50	.....	.....	.....
3	Left Side Brass Tool.....	20	21	25	33	40	1 25	2 00	2 75	3 50	.....	.....	.....
4	Right Side Brass Tool, bent.....	20	21	25	33	40	1 25	2 00	2 75	3 50	.....	.....	.....
5	Left Offset Diamond Point.....	20	21	25	33	40	1 25	2 00	2 75	3 50	.....	.....	.....
6	Right Offset Diamond Point.....	20	21	25	33	40	1 25	2 00	2 75	3 50	.....	.....	.....
7	Right Side Parting Tool, bent.....	20	25	28	35	45	1 25	2 00	2 75	3 50	4 50	.....	.....
8	Straight Brass Tool.....	20	21	25	33	40	1 25	2 00	2 75	3 50	.....	.....	.....
9	Left Diamond Point Tool .....	20	21	25	28	33	40	1 25	2 00	2 75	3 50	.....	.....
10	Roughing Tool, right or left.....	.....	.....	.....	.....	40	1 25	2 00	2 75	3 50	.....	.....	.....
11	Hog Nose Tool .....	.....	.....	.....	.....	33	40	1 25	2 00	2 75	3 50	.....	.....
12	Right Diamond Point .....	20	21	25	28	33	40	1 25	2 00	2 75	3 50	.....	.....
13	Straight Finishing Thread Tool .....	26	30	35	40	50	85	1 50	2 00	2 75	3 50	.....	.....
14	Right Thread Tool, bent .....	26	30	35	40	50	85	1 50	2 00	2 75	3 50	.....	.....
15	Female Radius, 3-32", I-S", 5-32" .....	45	50	50	63	75	1 25	2 00	2 75	3 50	.....	.....	.....
16	Male Radius, 3-32", I-8", 5-32" .....	45	50	50	63	75	1 25	2 00	2 75	3 50	.....	.....	.....
17	Flat Nose Tool.....	20	25	30	40	60	1 co	1 75	2 50	3 50	4 50	.....	.....
18	Inside Boring Fixture.....	90	1 00	1 10	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Knurling Fixture .....	90	1 00	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	Steel Finishing Tool for Shaper and Planer .....	.....	.....	.....	50	75	1 25	2 00	2 75	3 50	.....	.....	.....
21	Bull Nose Roughing Tool .....	.....	.....	.....	.....	85	.....	.....	.....	.....	.....	.....	.....
22	Spotting Tool .....	20	25	30	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	Inside Boring Tool .....	20	25	30	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	Inside Threading Tool .....	20	25	30	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	Inside Threading Tool .....	20	25	30	.....	.....	.....	.....	.....	.....	.....	.....	.....

Prices F. O. B. Factory.

**PRICES: Nuts, Studs, Plungers, Drawbolts and Handles for O. K. Tool Holders.**

**FOR STANDARD LATHE AND PLANER HOLDERS.**

SIZE	NUTS	PLUNGERS	STUDS
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**LATHE HOLDERS.**

Size C	.20	.30	.30
Size D	.30	.40	.40
Size E	.40	.50	.50
Size F	.50	.80	.70

**PLANER HOLDERS.**

Size C	.20	.35	.35
Size D	.30	.50	.50
Size E	.40	.65	.65
Size F	.50	.80	.80

**FOR DRAWBOLT HOLDERS.**

**DRAWBOLTS,**

Size A . . .	60c
Size B . . .	65c
Size C . . .	85c
Size C extra wide.	95c

**HANDLES.**

Size A . . .	25c
Size B . . .	30c
Size C . . .	35c

When ordering new drawbolts state whether wanted for straight or drop holders.

**O. K. LATHE DOG.****SIZE.**

No. 1, capacity  $\frac{1}{4}$ " to  $\frac{7}{8}$ "

No. 2, capacity  $\frac{3}{4}$ " to  $1\frac{5}{8}$ "

No. 3, capacity 1" to  $2\frac{3}{8}$ "

Prices F. O. B. Factory.

## O. K. LATHE DOG.

Our line of Lathe Dogs are steel drop forgings, case-hardened, with set screws and removable jaws, made of tool steel, carefully hardened and tempered. They are made for rough use. The end of the set-screw is protected from up-setting or bending, and the work is gripped between two V blocks, which does not mar the work. We can also furnish jaws made like a pipe vise with teeth for gripping rough stock for high speed turning, at the same price. When so ordered, we can supply these dogs with brass jaws at an advanced price

### PRICE.

No. 1,	\$1.50, with brass jaws, 50c extra.
No. 2,	2.00, with brass jaws, 60c extra.
No. 3,	3.00, with brass jaws, 75c extra.

## O. K. TOOL POST.



The O. K. Tool Post holds the tool on the side, thus enabling one to get up near to the chuck or face plate. With this tool post the tool is adjusted vertically, thus keeping the clearance on cutting tool always the same. The tool post swings around at any angle. After once placing in the desired position, the process of tightening has no tendency to twist the tool post. The bolt is made to fit the T. slot so that there is no danger of *injuring same*. The nut is made to fit the tail stock wrench. When it is necessary to grind the tool and it is desired to remove the tool or holder, the vertical adjustment is not affected. By swinging the tool post around at right angles and using a small V block, it makes the strongest kind of a boring tool holder. All parts are steel drop forgings, carefully machined all over, case-hardened and interchangeable.

## PRICE.

No. 1.	.	.	.	\$10.00
No. 2.	.	.	.	
No. 3.	.	.	.	\$30.00

Tool Post No. 1 suitable for 14" to 18" lathes.

Tool Post No. 2 suitable for

Tool Post No. 3 suitable for 30" to 40" lathes.

Tool Post No. 1 adapted for holders from 1 $\frac{1}{8}$ " to 1 $\frac{1}{2}$ " high  
and any width,

Tool Post No. 2 adapted for holders

Tool Post No. 3 adapted for holders from 2" to 2 $\frac{1}{2}$ " high  
and any width.

## O. K. Drill Holders.



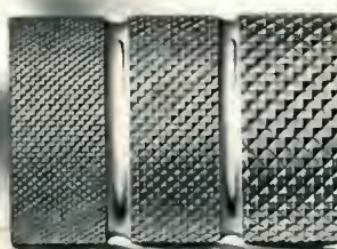
**Size A Holder  
takes a Drill  
from No. 60 to  
5-16 in.**

Price of Size A  
Holder, \$1.50

This Holder lo-  
cates the back  
floating center ex-  
actly in line with  
the point of drill,  
reamer or tap.

## O. K. KNURLS.

3      2      1



Price per Pair,  
right and left,

No. 1. Coarse, .50

No. 2. Med'm, .50

No. 3. Fine, .50

## DROP FORGING.

We are prepared to do any kind of Commercial Drop Forging work, having a fully equipped Die Sinking Department and Drop Forging Shop.

Our system of charging for Die work being as follows: We make a flat charge for Dies, including our profit, for which you own dies, which enables you to have direct command of your dies at all times.

We also make a specialty of handling Tool Steels.

Send us blue prints or models for estimates on your work.

## O.K. Wrenches.



### PRICE.

Set Screw Size.	Length.	Semi-Finished.
$\frac{3}{16}''$	$3''$	\$ .08
$\frac{1}{4}''$	$3\frac{3}{8}''$	.10
$\frac{5}{16}''$	$3\frac{3}{4}''$	.12
$\frac{3}{8}''$	$4\frac{1}{4}''$	.14
$\frac{7}{16}''$	$4\frac{7}{8}''$	.16
$\frac{1}{2}''$	$5\frac{1}{2}''$	.19

Semi-finished, are broached, case-hardened all over, with ground edges.



ELEUTHERIAN MILLS HISTORICAL LIBRARY

Trade  
Cat